

# Mathematics

Curriculum Intent	To enable our students to understand the world and to be able to make a difference. Maths plays a vital role in all aspects of life, and many jobs, from trades to academia. Being successful in maths will create more opportunities for our students in higher education and beyond. Maths provides a broad range of skills in problem solving, logical reasoning and flexible thinking, and is a cross-curricular topic needed to achieve in other areas.			
Year 7	Year 8	Year 9	Year 10 & 11	Year 12 & 13
T1 - Number T2 - Algebra T3 - Geometry T4 - Ratio & Proportion T5 - Statistics & probability T6 - Number & Algebra	T1 - Number T2 - Algebra T3 - Geometry T4 - Ratio & Proportion T5 - Statistics & probability T6 - Number & Algebra	Higher T1 Number , Algebra  T 2 Interpreting and Representing Data  T3 Fractions, ratio and percentages  T4 Angles and Trigonometry  T 5 Graphs  T 6 Area and Volume	Higher: T 1 - Yr 10 Equations and Inequalities, Probability  T 2 - Yr 10 Transformations & Constructions  T3 - Yr 10 Multiplicative Reasoning  T 4 - Yr 10 Similarity and Congruence  T 5 - Yr 10 Advanced Trigonometry  T 6 - Yr 10 Further Statistics  T1 - Yr 11 Equations and Graphs, Circle Theorems]  T 2 - Yr 11 More Algebra, Vectors and Geometric Proof  Term 3 - Yr 11 Proportion and Graphs	Year 12 (AS level) Pure Mathematics Statistics Mechanics  Year 2 Content: Pure Mathematics Statistics Mechanics

**Literacy Link: Use of key words, and where they are used outside of mathematics**